

# Global United Technology Services Co., Ltd.

Report No.: GTS201612000086E02

## FCC REPORT

Applicant: CanDo International, Inc.

**Address of Applicant:** 138 E Lemon Ave, Monrovia, CA 91016

**Equipment Under Test (EUT)** 

**Product Name: HD VCI** 

Model No.: VCI, HD Mobile

2AKNY-IDMINIVCI FCC ID:

FCC CFR Title 47 Part 15 Subpart C Section 15.249:2015 **Applicable standards:** 

Date of sample receipt: December 16, 2016

**Date of Test:** December 16-20, 2016

Date of report issued: December 20, 2016

Test Result: PASS \*

In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the GTS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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## 2 Version

Version No.	Date	Description
00	December 20, 2016	Original

Prepared By:	Jasmelly	Date:	December 20, 2016	
Check By:	Project Engineer  And was	Date:	December 20, 2016	
	Reviewer	<u> </u>		_

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## **Test Summary**

Test Item	Section in CFR 47	Result
Antenna requirement	15.203	Pass
AC Power Line Conducted Emission	15.207	N/A
Field strength of the fundamental signal	15.249 (a)	Pass
Spurious emissions	15.249 (a) (d)/15.209	Pass
Band edge	15.249 (d)/15.205	Pass
20dB Occupied Bandwidth	15.215 (c)	Pass

Pass: The EUT complies with the essential requirements in the standard.

N/A: Not applicable

Remark: Test according to ANSI C63.10 2013 and ANSI C63.4: 2014

## 4.1 Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	9kHz ~ 30MHz	± 4.34dB	(1)
Radiated Emission	30MHz ~ 1000MHz	± 4.24dB	(1)
Radiated Emission	1GHz ~ 26.5GHz	± 4.68dB	(1)
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	± 3.45dB	(1)
Note (1): The measurement unce	ertainty is for coverage factor of k	=2 and a level of confidence of 9	95%.



## **5** General Information

## 5.1 Client Information

Applicant:	CanDo International, Inc.
Address of Applicant:	138 E Lemon Ave, Monrovia, CA 91016
Manufacturer:	SHENZHEN FCAR TECHNOLOGY CO., LTD.
Address of Manufacturer:	8F, Chuangyi Bldg., No. 3025, Nanhai Ave., Nanshan, Shenzhen, China
Factory:	SHENZHEN FCAR TECHNOLOGY CO., LTD.
Address of Factory:	West 1F, Bldg. B, Hengchao Industrial Park, Tangtou North Ave., Bao'an, Shenzhen, China

## 5.2 General Description of EUT

•	
Product Name:	HD VCI
Model No.:	VCI, HD Mobile
Operation Frequency:	2402MHz~2480MHz
Channel numbers:	40
Channel separation:	2MHz
Modulation type:	GFSK
Antenna Type:	PCB antenna
Antenna gain:	1.0dBi(declare by Applicant)
Power supply:	DC 12V



Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2402MHz	11	2422MHz	21	2442MHz	31	2462MHz
2	2404MHz	12	2424MHz	22	2444MHz	32	2464MHz
•			. !	. !	. !	• !	•
9	2418MHz	19	2438MHz	29	2458MHz	39	2478MHz
10	2420MHz	20	2440MHz	30	2460MHz	40	2480MHz

#### Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel	2402MHz
The middle channel	2440MHz
The Highest channel	2480MHz



#### 5.3 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode
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#### Per-test mode.

We have verified the construction and function in typical operation, The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which was shown in this test report and defined as follows:

Axis	Х	Υ	Z
Field Strength(dBuV/m)	87.67	91.03	87.54

## 5.4 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC Approval
GS	Supreme maintenance Free	S5D26R-MFZ	9442804454	FCC DoC

## 5.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

#### • FCC —Registration No.: 600491

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fuly described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 600491, June 22, 2016.

## • Industry Canada (IC) —Registration No.: 9079A-2

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A-2, June 26, 2013.

#### 5.6 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: No. 301-309, 3/F., Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480 Fax: 0755-27798960

## 5.7 Other Information Requested by the Customer

None.



## 6 Test Instruments list

Rad	iated Emission:					
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July 03 2015	July 02 2020
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	Spectrum Analyzer	Agilent	E4440A	GTS533	June 29 2016	June 28 2017
4	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June 29 2016	June 28 2017
5	BiConiLog Antenna SCHWARZBECK MESS-ELEKTRONIK		VULB9163	GTS214	June 29 2016	June 28 2017
6	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	9120D-829	GTS208	June 29 2016	June 28 2017
7	Horn Antenna	ETS-LINDGREN	3160	GTS217	June 29 2016	June 28 2017
8	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
9	Coaxial Cable	GTS	N/A	GTS213	June 29 2016	June 28 2017
10	Coaxial Cable	GTS	N/A	GTS211	June 29 2016	June 28 2017
11	Coaxial cable	GTS	N/A	GTS210	June 29 2016	June 28 2017
12	Coaxial Cable	GTS	N/A	GTS212	June 29 2016	June 28 2017
13	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June 29 2016	June 28 2017
14	Amplifier(2GHz-20GHz)	HP	8349B	GTS206	June 29 2016	June 28 2017
15	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June 29 2016	June 28 2017
16	Band filter	Amindeon	82346	GTS219	June 29 2016	June 28 2017
17	Power Meter	Power Meter Anritsu		GTS540	June 29 2016	June 28 2017
18	Power Sensor	Anritsu	MA2411B	GTS541	June 29 2016	June 28 2017

Gen	General used equipment:								
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)			
1	Barometer	ChangChun	DYM3	GTS257	July 06 2016	July 05 2017			



## 7 Test results and Measurement Data

## 7.1 Antenna requirement

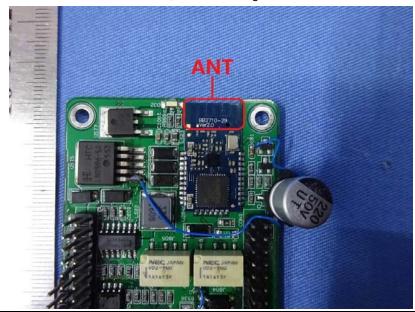
Standard requirement: FCC Part15 C Section 15.203

#### 15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

#### **EUT Antenna:**

The antenna is PCB antenna, the best case gain of the antenna is 1.0dBi





## 7.2 Radiated Emission Method

1.2	Radiated Ellission Me	- Liliou					
	Test Requirement:	FCC Part15 C S	Section 15.20	9			
	Test Method:	ANSI C63.10:20	013				
	Test Frequency Range:	30MHz to 25GH	Ηz				
	Test site:	Measurement D	Distance: 3m				
	Receiver setup:	Frequency	Detector	RBW	VBW	Remark	
		30MHz- 1GHz	Quasi-peal	k 120KHz	300KHz	Quasi-peak Value	
		Above 1GHz	Peak	1MHz	3MHz	Peak Value	
		Above 1G112	Peak	1MHz	10Hz	Average Value	
	Limit:	Freque	ency	Limit (dBuV	/m @3m)	Remark	
	(Field strength of the fundamental signal)	2400MHz-24	483.5MHz	94.0	0	Average Value	
	Limit:	Freque	_	Limit (dBuV		Remark	
	(Spurious Emissions)	30MHz-8		40.0		Quasi-peak Value	
		88MHz-2		43.5		Quasi-peak Value	
		216MHz-9 960MHz-		46.0 54.0		Quasi-peak Value Quasi-peak Value	
				54.0		Average Value	
		Above 1	IGHz	74.0		Peak Value	
	Limit: (band edge)	harmonics, sha	II be attenuat to the genera	ed by at least al radiated em	50 dB belov	bands, except for w the level of the in Section 15.209,	
	Test setup:	Below 1GHz  Test Antenna  Test Antenna  Tum Table  Receiver  Preamplifier					
		Above 1GHz					



Report No.: GTS201612000086E02 < 1m ... 4m > EUT Tum Table <150cm; Preamplifier+ Receiver+ Test Procedure: 1. The EUT was placed on the top of a rotating table (0.8m for below 1GHz and 1.5 meters for above 1GHz) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. Test Instruments: Refer to section 6.0 for details Test mode: Refer to section 5.3 for details Test results: Pass

#### Measurement data:



## 7.2.1 Field Strength of The Fundamental Signal

## Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2402.00	91.94	27.58	5.39	34.01	90.90	114.00	-23.10	Vertical
2402.00	86.34	27.58	5.39	34.01	85.30	114.00	-28.70	Horizontal
2440.00	92.08	27.48	5.43	33.96	91.03	114.00	-22.97	Vertical
2440.00	86.08	27.48	5.43	33.96	85.03	114.00	-28.97	Horizontal
2480.00	90.82	27.52	5.47	33.92	89.89	114.00	-24.11	Vertical
2480.00	84.98	27.52	5.47	33.92	84.05	114.00	-29.95	Horizontal

## Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2402.00	81.94	27.58	5.39	34.01	80.90	94.00	-13.10	Vertical
2402.00	76.77	27.58	5.39	34.01	75.73	94.00	-18.27	Horizontal
2440.00	82.24	27.48	5.43	33.96	81.19	94.00	-12.81	Vertical
2440.00	75.52	27.48	5.43	33.96	74.47	94.00	-19.53	Horizontal
2480.00	81.32	27.52	5.47	33.92	80.39	94.00	-13.61	Vertical
2480.00	75.77	27.52	5.47	33.92	74.84	94.00	-19.16	Horizontal

Remark: RBW 3MHz, VBW 10MHz , peak detector for PK value, RBW 3MHz, VBW 10MHz AV detector for AV value



## 7.2.2 Spurious emissions

#### ■ Below 1GHz

- Bolow I	- Below 1G112							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
33.22	40.86	14.31	0.59	30.08	25.68	40.00	-14.32	Vertical
62.00	41.37	13.90	0.88	29.91	26.24	40.00	-13.76	Vertical
91.85	44.71	14.24	1.13	29.74	30.34	43.50	-13.16	Vertical
133.15	47.84	10.67	1.46	29.49	30.48	43.50	-13.02	Vertical
143.83	50.48	10.22	1.53	29.44	32.79	43.50	-10.71	Vertical
576.72	33.13	20.03	3.63	29.30	27.49	46.00	-18.51	Vertical
86.52	45.44	12.89	1.08	29.76	29.65	40.00	-10.35	Horizontal
89.91	46.59	13.90	1.11	29.75	31.85	43.50	-11.65	Horizontal
143.83	52.99	10.22	1.53	29.44	35.30	43.50	-8.20	Horizontal
165.49	45.50	10.82	1.66	29.34	28.64	43.50	-14.86	Horizontal
194.45	44.93	12.56	1.81	29.22	30.08	43.50	-13.42	Horizontal
677.58	35.09	20.73	4.00	29.22	30.60	46.00	-15.40	Horizontal



#### Above 1GHz

#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	37.41	31.78	8.60	32.09	45.70	74.00	-28.30	Vertical
7206.00	31.90	36.15	11.65	32.00	47.70	74.00	-26.30	Vertical
9608.00	31.53	37.95	14.14	31.62	52.00	74.00	-22.00	Vertical
12010.00	*					74.00		Vertical
14412.00	*					74.00		Vertical
4804.00	41.72	31.78	8.60	32.09	50.01	74.00	-23.99	Horizontal
7206.00	33.67	36.15	11.65	32.00	49.47	74.00	-24.53	Horizontal
9608.00	30.97	37.95	14.14	31.62	51.44	74.00	-22.56	Horizontal
12010.00	*					74.00		Horizontal
14412.00	*					74.00		Horizontal

## Average value:

7 troi ago vai	Average value:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	26.21	31.78	8.60	32.09	34.50	54.00	-19.50	Vertical
7206.00	20.58	36.15	11.65	32.00	36.38	54.00	-17.62	Vertical
9608.00	19.65	37.95	14.14	31.62	40.12	54.00	-13.88	Vertical
12010.00	*					54.00		Vertical
14412.00	*					54.00		Vertical
4804.00	30.45	31.78	8.60	32.09	38.74	54.00	-15.26	Horizontal
7206.00	22.76	36.15	11.65	32.00	38.56	54.00	-15.44	Horizontal
9608.00	19.38	37.95	14.14	31.62	39.85	54.00	-14.15	Horizontal
12010.00	*					54.00		Horizontal
14412.00	*					54.00		Horizontal

## Remark:

<sup>1.</sup> Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

<sup>2. &</sup>quot;\*", means this data is the too weak instrument of signal is unable to test.



Test channel	l <b>:</b>			Mid	dle			
Peak value:				<b>'</b>				
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	37.47	31.85	8.67	32.12	45.87	74.00	-28.13	Vertical
7320.00	31.94	36.37	11.72	31.89	48.14	74.00	-25.86	Vertical
9760.00	31.57	38.35	14.25	31.62	52.55	74.00	-21.45	Vertical
12200.00	*					74.00		Vertical
14640.00	*					74.00		Vertical
4880.00	41.79	31.85	8.67	32.12	50.19	74.00	-23.81	Horizontal
7320.00	33.71	36.37	11.72	31.89	49.91	74.00	-24.09	Horizontal
9760.00	31.01	38.35	14.25	31.62	51.99	74.00	-22.01	Horizontal
12200.00	*					74.00		Horizontal
14640.00	*					74.00		Horizontal
Average val	ue:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	26.27	31.85	8.67	32.12	34.67	54.00	-19.33	Vertical
7320.00	20.62	36.37	11.72	31.89	36.82	54.00	-17.18	Vertical
9760.00	19.68	38.35	14.25	31.62	40.66	54.00	-13.34	Vertical
12200.00	*					54.00		Vertical
14640.00	*					54.00		Vertical
4880.00	30.52	31.85	8.67	32.12	38.92	54.00	-15.08	Horizontal
7320.00	22.80	36.37	11.72	31.89	39.00	54.00	-15.00	Horizontal
9760.00	19.43	38.35	14.25	31.62	40.41	54.00	-13.59	Horizontal
12200.00	*					54.00		Horizontal

#### Remark:

14640.00

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "\*", means this data is the too weak instrument of signal is unable to test.

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Horizontal

54.00



Test channel	Test channel: Highest							
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	36.81	31.93	8.73	32.16	45.31	74.00	-28.69	Vertical
7440.00	31.50	36.59	11.79	31.78	48.10	74.00	-25.90	Vertical
9920.00	31.18	38.81	14.38	31.88	52.49	74.00	-21.51	Vertical
12400.00	*					74.00		Vertical
14880.00	*					74.00		Vertical
4960.00	41.00	31.93	8.73	32.16	49.50	74.00	-24.50	Horizontal
7440.00	33.22	36.59	11.79	31.78	49.82	74.00	-24.18	Horizontal
9920.00	30.55	38.81	14.38	31.88	51.86	74.00	-22.14	Horizontal
12400.00	*					74.00		Horizontal
14880.00	*					74.00		Horizontal
Average val	ue:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	25.79	31.93	8.73	32.16	34.29	54.00	-19.71	Vertical
7440.00	20.29	36.59	11.79	31.78	36.89	54.00	-17.11	Vertical
9920.00	19.40	38.81	14.38	31.88	40.71	54.00	-13.29	Vertical
12400.00	*					54.00		Vertical
14880.00	*					54.00		Vertical
4960.00	29.98	31.93	8.73	32.16	38.48	54.00	-15.52	Horizontal
7440.00	22.44	36.59	11.79	31.78	39.04	54.00	-14.96	Horizontal
9920.00	19.09	38.81	14.38	31.88	40.40	54.00	-13.60	Horizontal
12400.00	*					54.00		Horizontal

#### Remark:

14880.00

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "\*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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Horizontal

54.00



## 7.2.3 Bandedge emissions

All of the restriction bands were tested, and only the data of worst case was exhibited.

T	
l est channel:	Lowest channel

#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2390.00	45.52	27.59	5.38	30.18	48.31	74.00	-25.69	Horizontal
2400.00	58.68	27.58	5.39	30.18	61.47	74.00	-12.53	Horizontal
2390.00	46.32	27.59	5.38	30.18	49.11	74.00	-24.89	Vertical
2400.00	60.00	27.58	5.39	30.18	62.79	74.00	-11.21	Vertical

## Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2390.00	35.47	27.59	5.38	30.18	38.26	54.00	-15.74	Horizontal
2400.00	42.87	27.58	5.39	30.18	45.66	54.00	-8.34	Horizontal
2390.00	35.60	27.59	5.38	30.18	38.39	54.00	-15.61	Vertical
2400.00	43.77	27.58	5.39	30.18	46.56	54.00	-7.44	Vertical

Test channel:	Highest channel	
1 3 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1		

#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	47.94	27.53	5.47	29.93	51.01	74.00	-22.99	Horizontal
2500.00	46.61	27.55	5.49	29.93	49.72	74.00	-24.28	Horizontal
2483.50	49.22	27.53	5.47	29.93	52.29	74.00	-21.71	Vertical
2500.00	47.86	27.55	5.49	29.93	50.97	74.00	-23.03	Vertical

#### Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	38.33	27.53	5.47	29.93	41.40	54.00	-12.60	Horizontal
2500.00	35.96	27.55	5.49	29.93	39.07	54.00	-14.93	Horizontal
2483.50	39.76	27.53	5.47	29.93	42.83	54.00	-11.17	Vertical
2500.00	36.10	27.55	5.49	29.93	39.21	54.00	-14.79	Vertical

#### Remark:

<sup>1.</sup> Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor



## 7.3 20dB Occupy Bandwidth

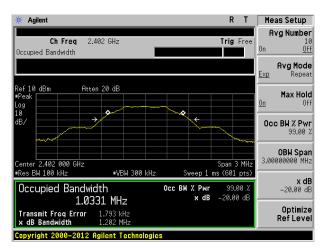
Test Requirement:	FCC Part15 C Section 15.249/15.215			
Test Method:	ANSI C63.10:2013			
Limit:	Operation Frequency range 2400MHz~2483.5MHz			
Test setup:	Spectrum Analyzer  E.U.T  Non-Conducted Table  Ground Reference Plane			
Test Instruments:	Refer to section 6.0 for details			
Test mode:	Refer to section 5.3 for details			
Test results:	Pass			

#### **Measurement Data**

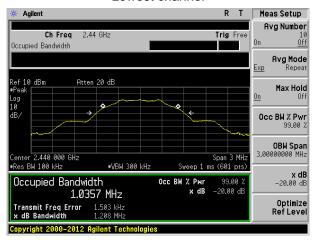
Test channel	20dB bandwidth(MHz)	Result
Lowest	1.202	Pass
Middle	1.208	Pass
Highest	1.208	Pass

Test plot as follows:

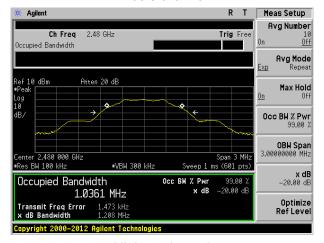




#### Lowest channel



#### Middle channel

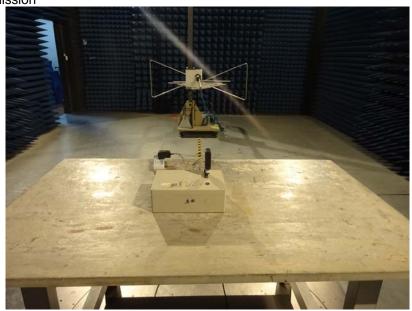


Highest channel



## 8 Test Setup Photo

Radiated Emission





## 9 EUT Constructional Details

Reference to the test report No. GTS201612000086E01

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